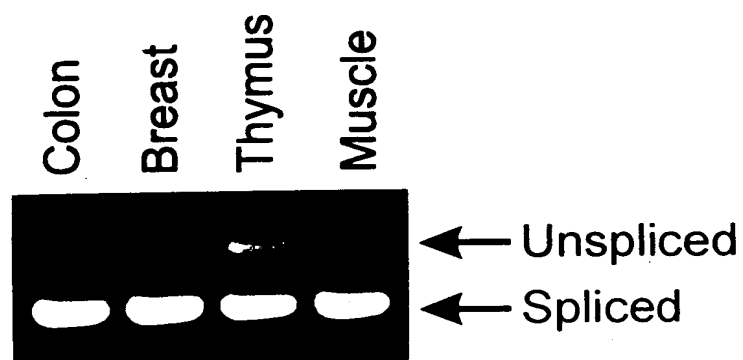


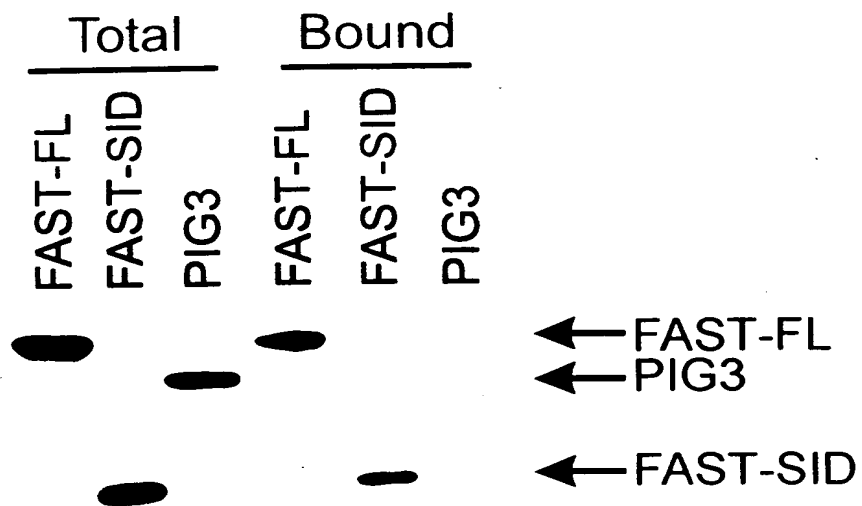
# FIG. 1

hFAST-1	mgpcsgsrldpdeaspsqpp-----	21
xFAST-1	mrpsslysgfdagsqyesveppslallssidqeqlpvatgqsynhsvqpww	51
hFAST-1	-----	21
xFAST-1	pqpwpplsllyreggtwspdragsmyglspgthegscththegpkdsmagdht	102
hFAST-1	---KRRKKRRLRHDKPPYIYLAIALVIAAPSRRLKLAQTIIRQVQAVFPF	69
xFAST-1	rsrKSKKKNYHRYYPKPYSLAIALVIONSPKRLKLSQILKEVSTLEFPF	153
hFAST-1	FREDYEGWKDSIRHNLSSNRCFRKVPKDPKPAKQAKGNFAMQVSLTPAEAL	120
xFAST-1	FNGDYMGWKDSIRHNLSSSDCFKKILKDPGKPAKQAKGNFMTQVSRITPLDAM	204
hFAST-1	RLONTALCRrwqngGARGAFKDLGPYVLHGRPYrppspppppsegrfsiks	171
xFAST-1	KLONTALTR-----GGSDYFVQDLAPYILHNYKYEhnagayghqmpshar	250
hFAST-1	llggsggapwpglapqsspvpagtgnsgaeavtpplpsserplwplcpl	222
xFAST-1	slslaedsqqtntggklnsfmidsllhldlqevdlldasrnlengrispav	301
hFAST-1	pgptrvegetvqggagipstlspeprawlhlqgtavpggrssgghrasl	273
xFAST-1	amnmwssaplllythskptrnarspglstinstyssssssistispvgfqk	352
hFAST-1	wgq-----	276
xFAST-1	eqeksgqrtqrvgphikrsreddcsttssdpdtgnyspieppkmpllsl	403
hFAST-1	-LPTSYLPIYTPNVVMPiappstscpcpstspaywgvapetrpgpgllc-	325
xFAST-1	dLPTSYTKSVAPNVVAPpsvlpffhfprftyynygpspymtppywgfphpt	454
hFAST-1	-----DLDALFQGVPPNKSIVDWWVSHPRDLAAPpggwllsw	362
xFAST-1	nsggdsprgpqspldLDNMLRAMPNKSIVDMLTSHPGDLVHPsfisqclg	505
hFAST-1	csl-----	365
xFAST-1	ssgspypsrqglm	518

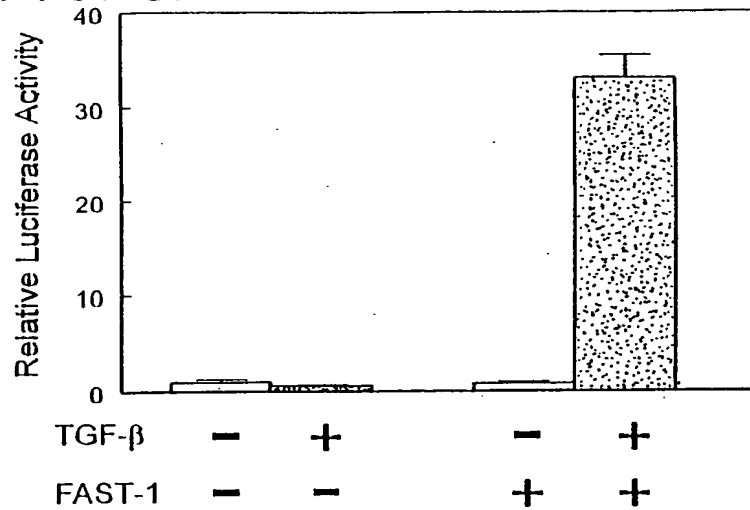
**FIG. 2A**



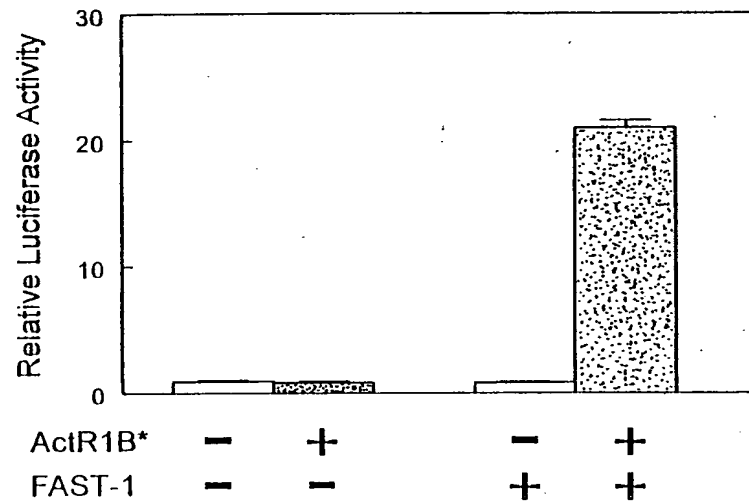
**FIG. 2B**



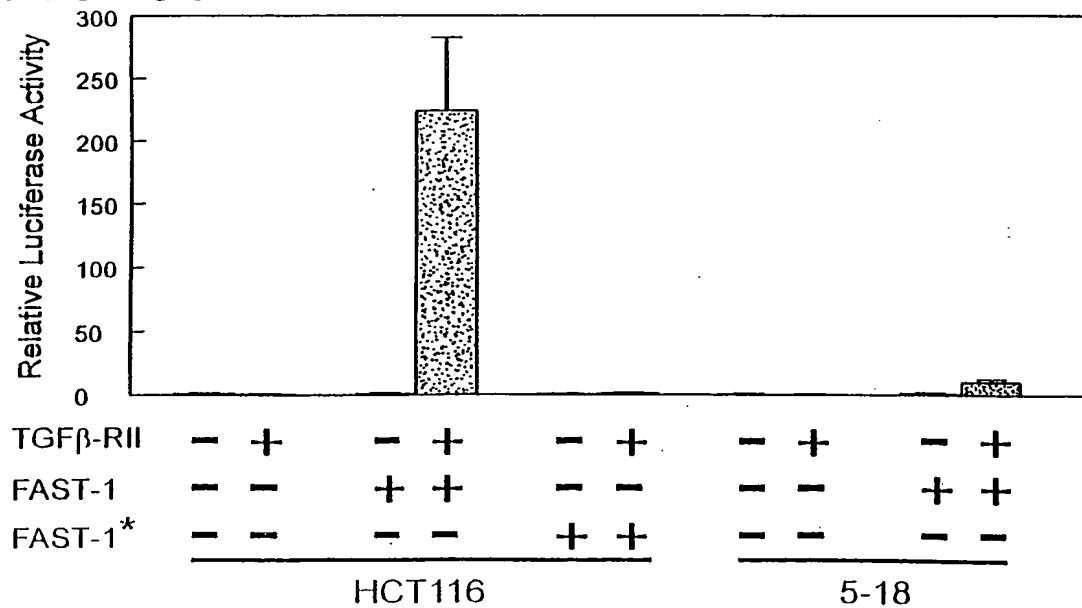
**FIG. 3A**

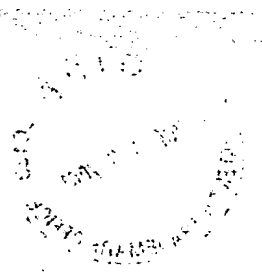


**FIG. 3B**

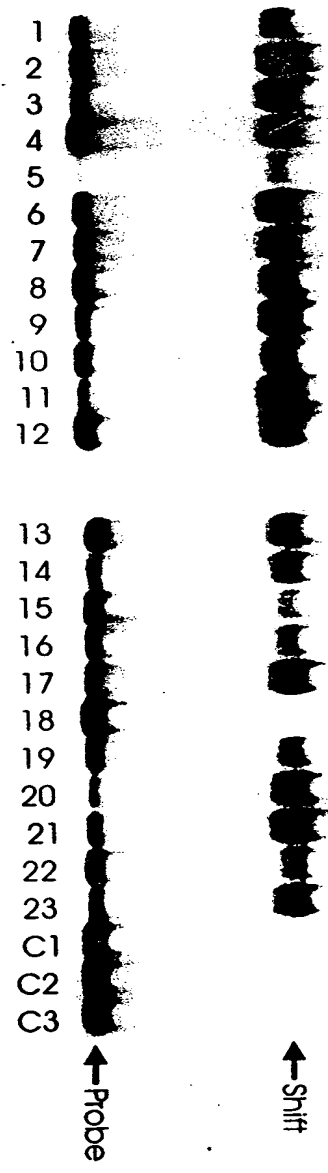


**FIG. 3C**





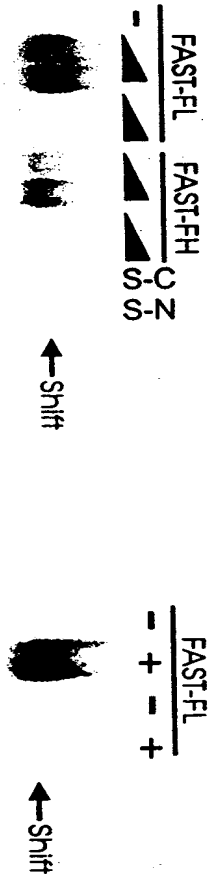
**FIG. 4A**



**FIG. 4B**

CONSENSUS															
		T	G	T	gT	gT	A	T	T						
G	41	41	11	0	100	0	54	47	0	0	70	64	52		
A	23	35	17	0	0	5	0	100	0	0	11	11	17		
T	23	23	64	100	0	100	35	52	0	100	5	17	0		
C	11	0	5	0	0	0	0	0	0	0	11	5	29		

**FIG. 4C**



**FIG. 4D**

